

MAR 24 2006

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Attention:	Group Art Unit: 2616 Examiner: CHIN, Wellington	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-3134
Pages:	Cover + 2 + 1 + 11 = 15	Date:	March 24, 2006
From:	Georgann S. Grunebach	Fax:	(310) 964-0941
	Assistant General Counsel	Phone:	(310) 964-4615

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Telephone No. (310) 964-4615

Georgann S. Grunebach
Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Person Signing Certificate)

March 24, 2006
(Date of Signature)

Attention: Commissioner for Patents**Attorney Docket No. PD-202074**

Please find attached Re:

Serial No.: 10/532,631

I.A. Filing Date: October 20, 2003

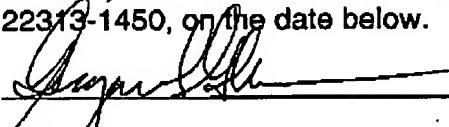
371(c) Date: April 25, 2005

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE PTO FORM 1449 (1 page)
- NON-PATENT LITERATURE (11 pages)

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**RECEIVED
CENTRAL FAX CENTER****MAR 24 2006**Patent
PD-202074
Customer No. 020991**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Paul R. Anderson : I hereby certify that this correspondence is
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Examiner: CHIN, Wellington : Date: March 24, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

Citation number 1 was cited in a foreign EPO office action dated February 2, 2006 in the European counterpart application of related U.S. patent application serial number 09/844,401 filed on April 27, 2001.

Citation number 2 was cited in a foreign EPO office action dated February 2, 2006 in the counterpart European application of related U.S. patent application serial number 10/068,039 filed on February 5, 2002.

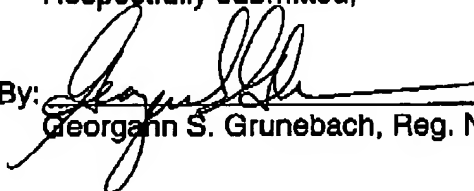
Serial No. 10/532,631.....Page 2

This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 
Georgann S. Grunebach, Reg. No. 33,179

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March 24, 2006

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/532,631
	371 (c) Filing Date	April 25, 2005
	First Named Inventor	Paul Anderson
	Art Unit	2616
	Examiner Name	CHIN, Wellington
Sheet 1 of 1	Attorney Docket Number	PD-202074

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	1	MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; John Wiley & Sons, Inc.; 1998, pages 212-213 and 217-218; XP 002364874	
	2	MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; John Wiley & Sons, Inc.; 1998, pages 610-612; XP 002364876	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.